



City of Detroit

To be typed
or printed

DEPARTMENT OF BUILDINGS & SAFETY ENGINEERING

408 Coleman A. Young Municipal Center

224-9401

Detroit, Michigan 48226

Contractor's License No. _____

Date _____

APPLICATION FOR PERMIT TO INSTALL ELEVATOR, DUMBWAITER OR ESCALATORS

Application is hereby made to the Department of Buildings & Safety Engineering for a permit to install _____ elevators, dumbwaiters or escalators at No. _____ St. or Ave.

Owner of Lessee _____ Elevator Company _____

Address _____ Zone No. _____ Address _____ Zone No. _____

Building used as _____ Passenger ☐ Freight ☐ Dumbwaiter ☐

Floors traveled _____ Rise in feet _____ Capacity _____ Speed _____ City Serial No. _____

Location of building _____
(To be filled in by inspector-show location in block, adjacent cross streets, etc.)

MACHINE

Kind of Machine _____ Location _____ Single or double wrap _____
 Type of groove _____ Diameter: Sheave or drum _____ Secondary sheave _____
 Brakes: Applied _____ Released _____ Shoe lining material _____
 Motor: Voltage _____ AC-DC. _____ HP _____ RPM _____ Amps _____ MG Set _____
 Worm shaft size _____ Worm size _____ Worm gear diameter _____ Face _____
 Machine beams: Size _____ Number _____ Supported on _____
 Pent house floor: Material _____ Thickness _____ Area size _____
 Controller: Type number _____ Overload relay _____ Sequence relay _____
 Reverse phase relay _____ Limit switches _____ Slow down switch _____ Line fuse size _____
 Does all wiring conform to the National Electrical Code? _____

Counter Weight Safety Control Assembly _____

CAR

Operating mechanism _____ Emergency stop switch _____ Door cut-out switch _____
 Door or gate switch _____ Telephone or alarm bell _____ Enclosure kind _____
 Car entrance protection: Doors or gates _____ Number _____ Closed by _____
 Car entrance: Height _____ Width _____ Height of enclosure _____ Lighted by _____
 Emergency exits: Dimensions-Top _____ Sides _____ Contacts _____
 Platform-Inside dimensions _____ Floor material _____ Enclosure ventilated by _____
 Car structure: Size crosshead members _____ Safety plank _____ Side beams _____ Joists _____
 Type of car safety _____ Governor type _____ Location _____ Tripping speed _____

CABLES

	HOISTING	CAR CWT.	DRUM CWT.	GOVERNOR	COMPENSATING
Number	_____	_____	_____	_____	_____
Diameter	_____	_____	_____	_____	_____
Material	_____	_____	_____	_____	_____
Tensile strength	_____	_____	_____	_____	_____
Equalizers: Make	_____			Approved by _____	

HOISTWAY

Enclosure: Describe _____ Hoistway doors: Type _____
Door interlocks: Type and mfrs. Number _____ Underwriter approved _____
Width of openings _____ Height _____ Door material _____
Car runby: Top _____ Bottom _____
Guide rail size: Main _____ Cwt _____ Distance between supports _____
Buffers: Type-Car _____ Stroke _____ Cwt. _____ Stroke _____ Overall length _____

CLEARANCES

Pit depth _____ Car clearances: Top _____ Bottom _____
Counterweight clearances: Top _____ Bottom _____
Clearance-Edge of car platform to landing sill edge _____
Clearance between car and hoistway enclosure opposite car opening _____
Clearance between landing door and edge of landing threshold _____
Clearance between highest projection on car and overhead structure vertically above _____
Clearance between car buffer and car striker block with car level at lower landing _____
Clearance between cwt. Buffer and cwt. Striker block with car level at top landing _____

HYDRAULIC ELEVATORS

Kind _____ Kind of pump _____ Pressure developed _____
Kind of valves _____ Pipe: Kind _____ Dia _____ Relief Valve _____
Plunger: Dia. _____ Wall thickness _____ Cylinder: Dia. _____ Wall Thickness _____

It is hereby agreed that if this application is granted and a permit issued therefore, that this elevator will conform in every detail with the ordinances regulating elevators in the City of Detroit. This elevator will not be operated until the ordinance is satisfied and a license therefore issued by the Department of Buildings and Safety Engineering.

Signed _____
For _____ Company

TO BE FILLED IN BY PLAN EXAMINERS AND INSPECTORS

Permit No. _____ Date Issued _____
Plans approved by _____
Date of inspection _____

Remarks _____

(Signed) _____
Inspector